

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089534.D
 Acq On : 2 Aug 2016 2:55
 Operator : UM/SJ
 Sample : H4288-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Quant Time: Aug 02 03:51:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

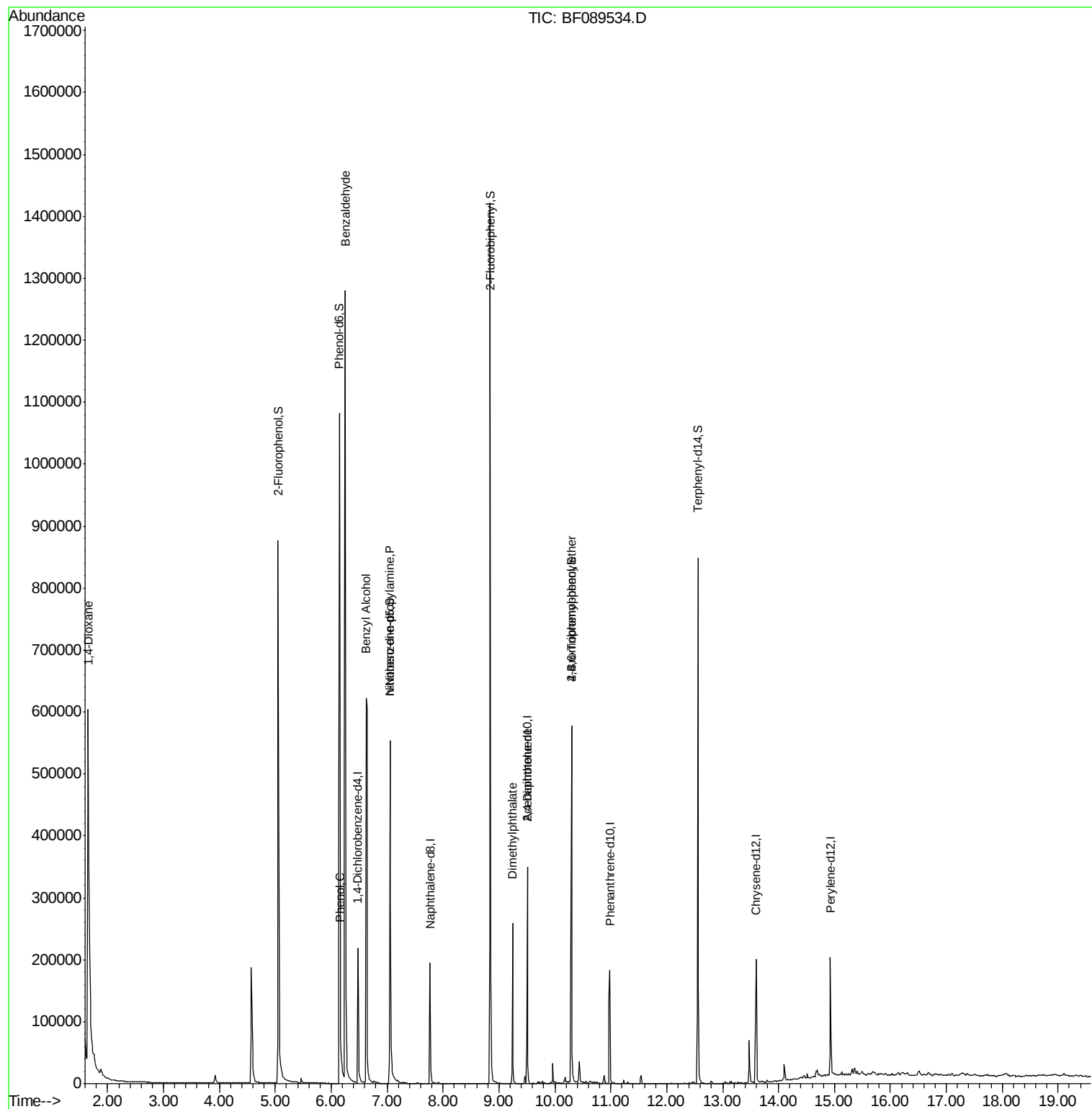
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	39856	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	148929	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	66386	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	101634	20.00	ng	0.00
75) Chrysene-d12	13.60	240	82107	20.00	ng	-0.01
86) Perylene-d12	14.93	264	76576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	334681	134.08	ng	0.01
7) Phenol-d6	6.15	99	461430	139.88	ng	0.00
23) Nitrobenzene-d5	7.05	82	264538	104.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	72218	131.35	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	436596	96.52	ng	-0.01
78) Terphenyl-d14	12.56	244	251757	71.76	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	39649	34.58	ng	# 26
9) Benzaldehyde	6.25	77	9101	5.65	ng	# 80
10) Phenol	6.16	94	8633	2.37	ng	# 79
15) Benzyl Alcohol	6.63	79	4146	2.03	ng	# 50
19) n-Nitroso-di-n-propylamine	7.05	70	34850	17.52	ng	# 84
49) Dimethylphthalate	9.24	163	96559	19.11	ng	# 99
56) 2,4-Dinitrotoluene	9.51	165	8392	6.14	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5552	5.72	ng	# 1

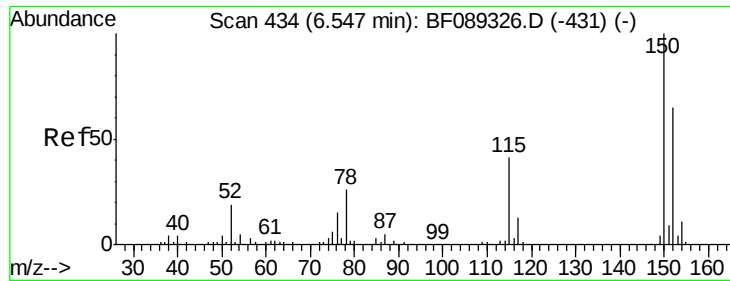
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

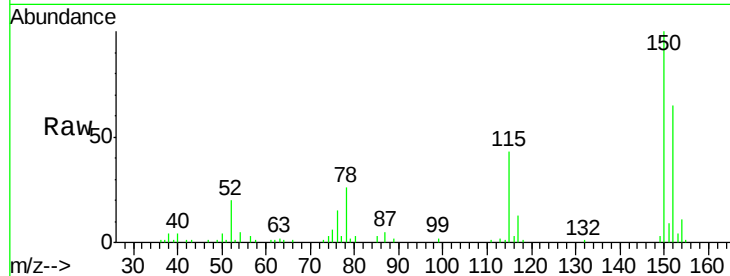
Tgt Ion:152 Resp: 39856

Ion Ratio Lower Upper

152 100

150 154.4 129.5 194.3

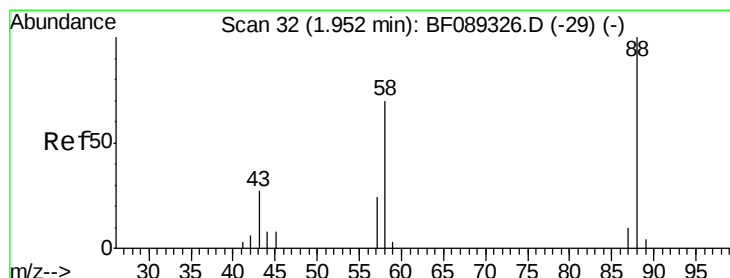
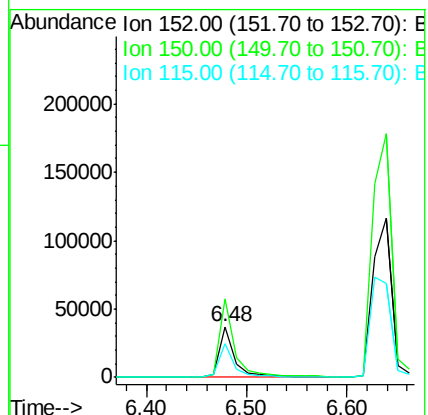
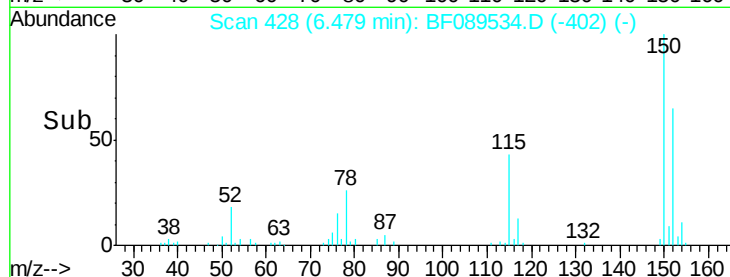
115 65.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.58 ng

RT: 1.66 min Scan# 6

Delta R.T. -0.19 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

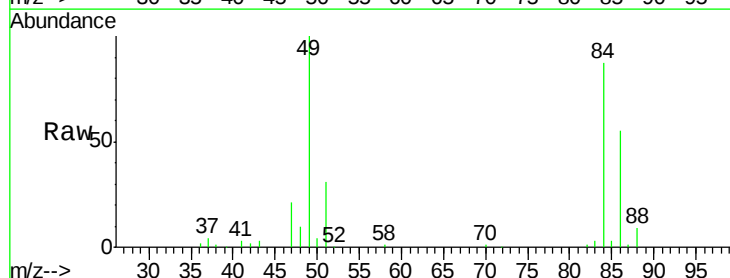
Tgt Ion: 88 Resp: 39649

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

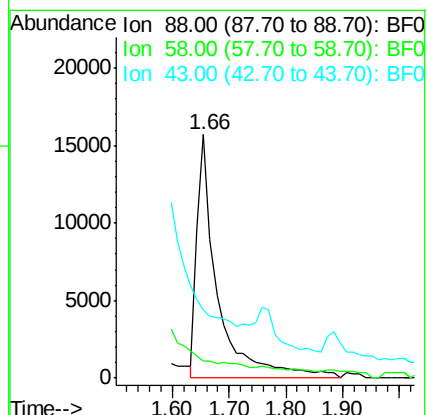
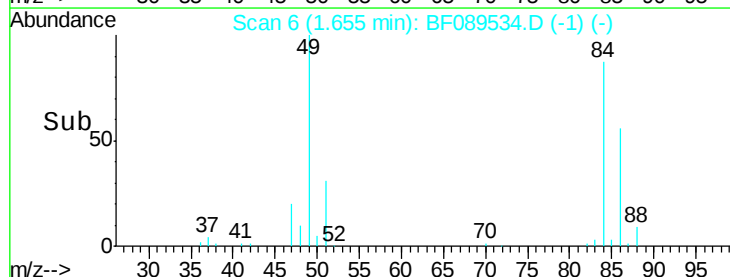
43 0.0 20.6 31.0#

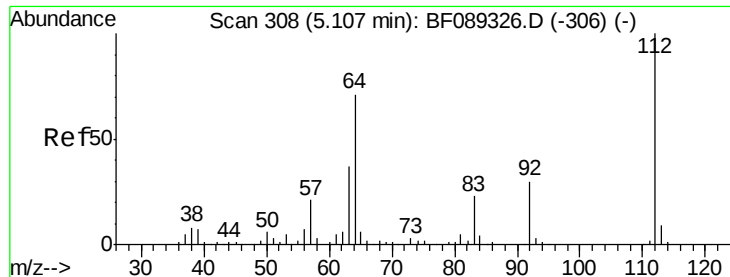


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 134.08 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.01 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

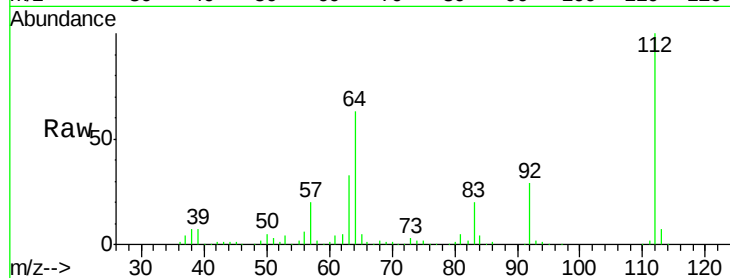
Instrument :

BNA_F

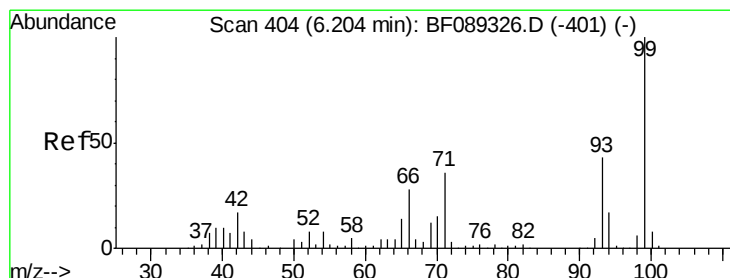
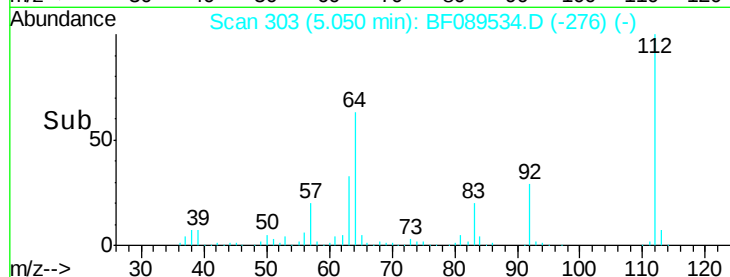
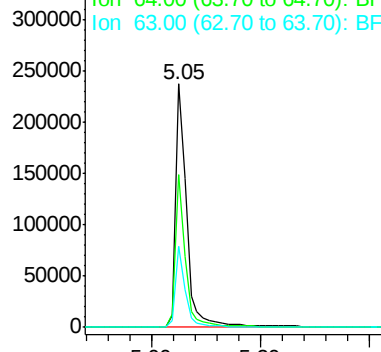
ClientSampleId :

SB-65-5.0-6.0

Tgt Ion:	112	Resp:	334681
Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.0	82.6
63	33.4	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): BF089534.D (-276) (-)



#7

Phenol-d6

Concen: 139.88 ng

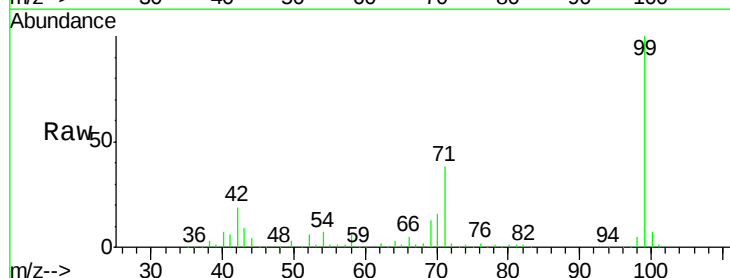
RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

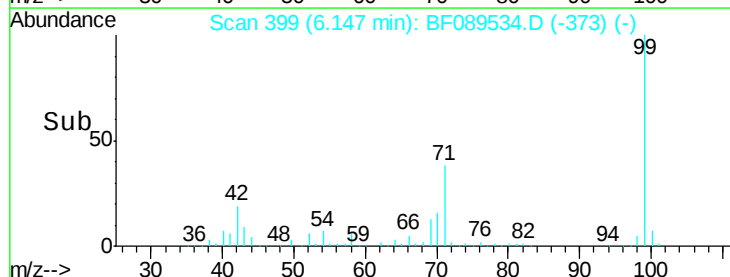
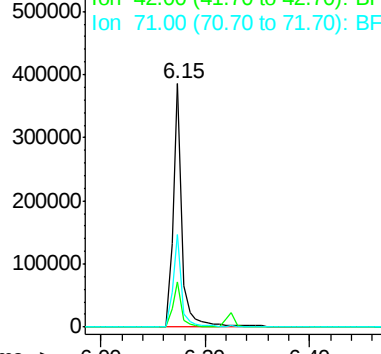
Lab File: BF089534.D

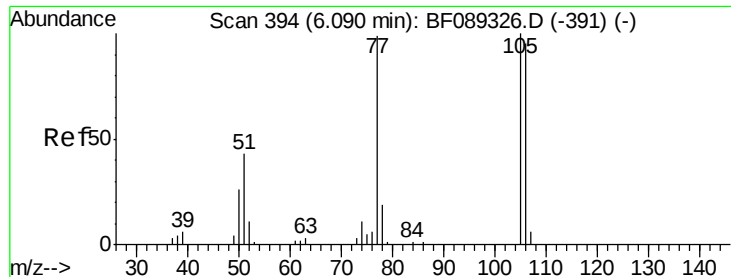
Acq: 2 Aug 2016 2:55

Tgt Ion:	99	Resp:	461430
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.6	20.4
71	38.0	29.4	44.2



Abundance Ion 99.00 (98.70 to 99.70): BF089534.D (-373) (-)





#9

Benzaldehyde

Concen: 5.65 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.23 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

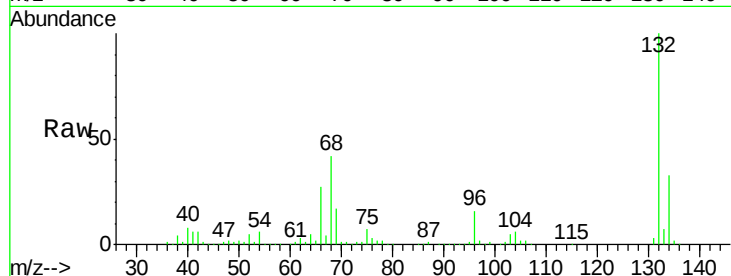
Tgt Ion: 77 Resp: 9101

Ion Ratio Lower Upper

77 100

105 83.4 82.9 122.9

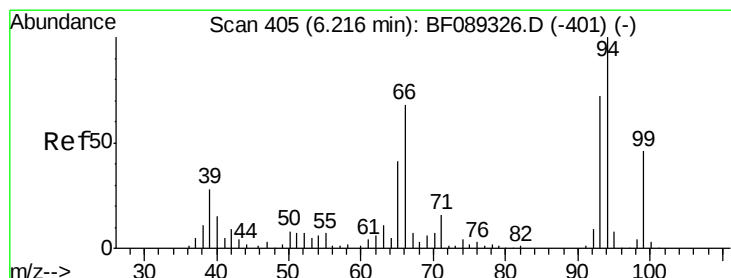
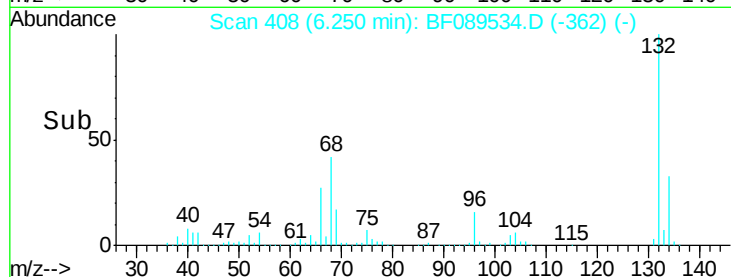
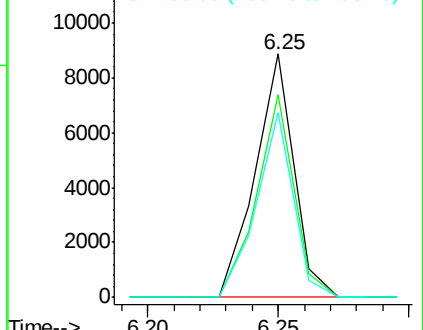
106 76.1 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 2.37 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

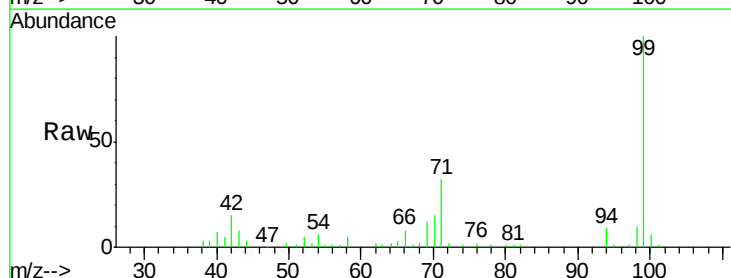
Tgt Ion: 94 Resp: 8633

Ion Ratio Lower Upper

94 100

65 40.7 19.1 59.1

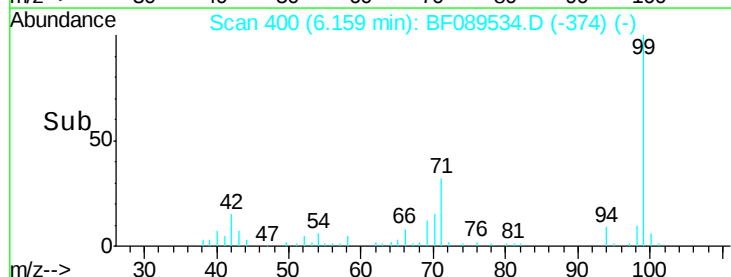
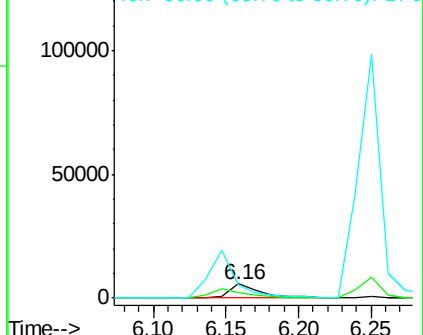
66 90.3 44.4 84.4#

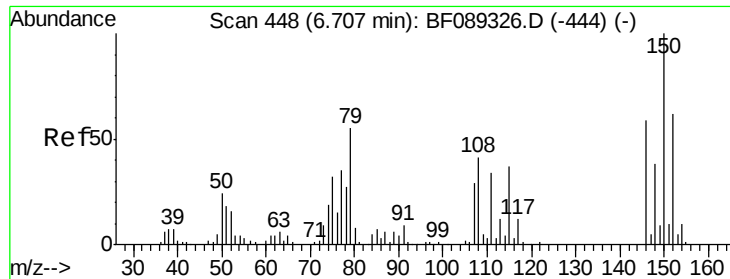


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Instrument :

BNA_F

ClientSampleId :

SB-65-5.0-6.0

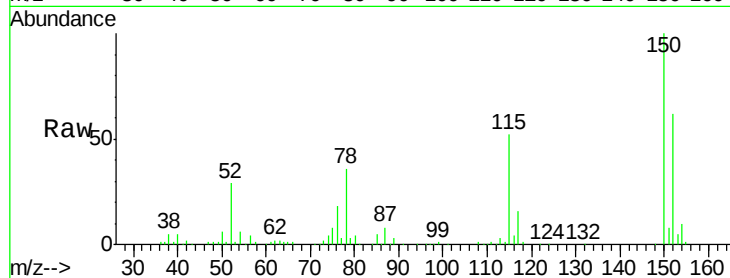
Tgt Ion: 79 Resp: 4146

Ion Ratio Lower Upper

79 100

108 26.8 59.8 89.6#

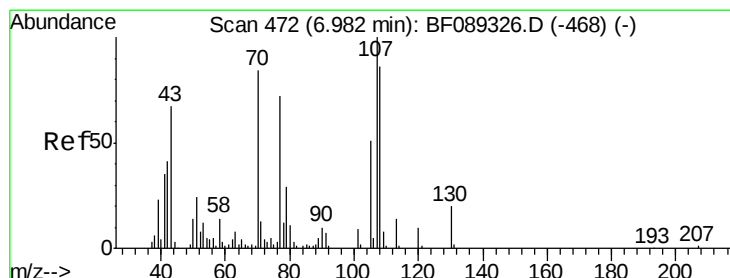
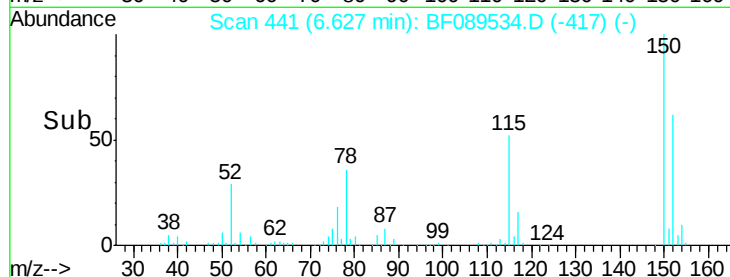
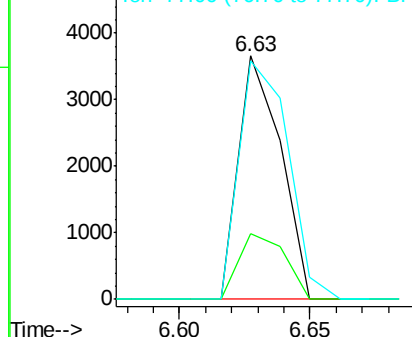
77 98.1 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.52 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.13 min

Lab File: BF089534.D

Acq: 2 Aug 2016 2:55

Tgt Ion: 70 Resp: 34850

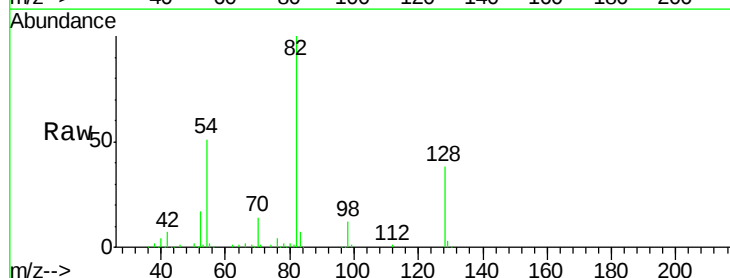
Ion Ratio Lower Upper

70 100

42 48.5 38.6 57.8

101 0.0 8.3 12.5#

130 2.1 19.0 28.4#

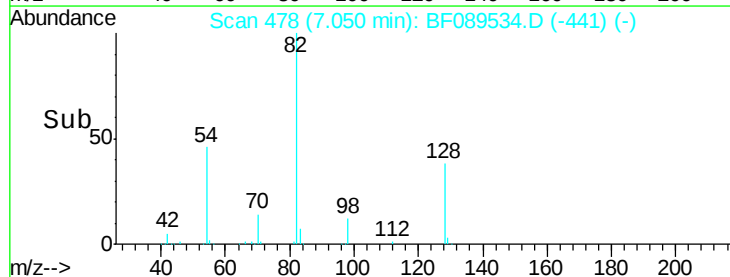
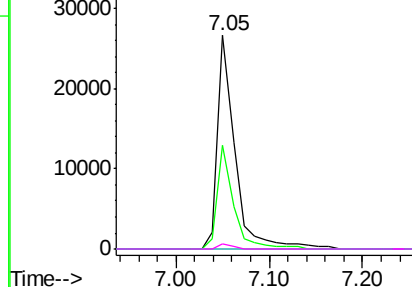


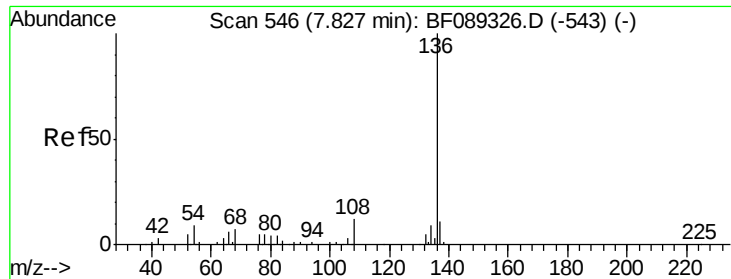
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

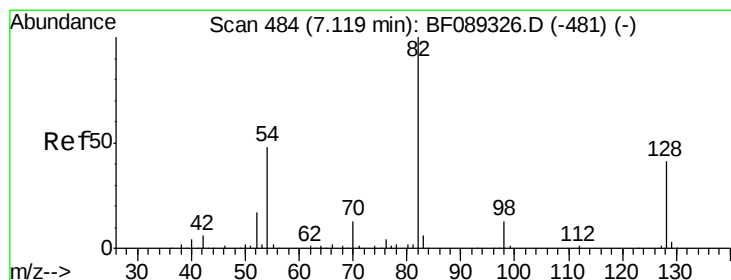
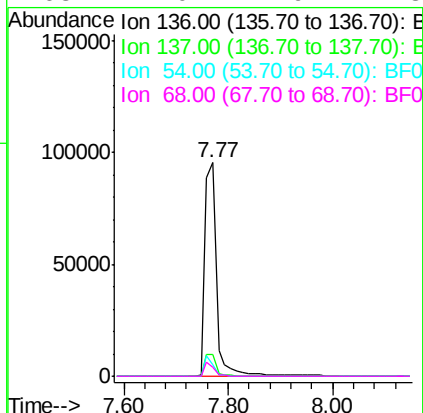
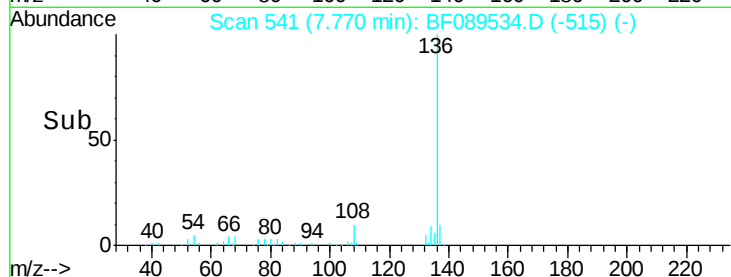
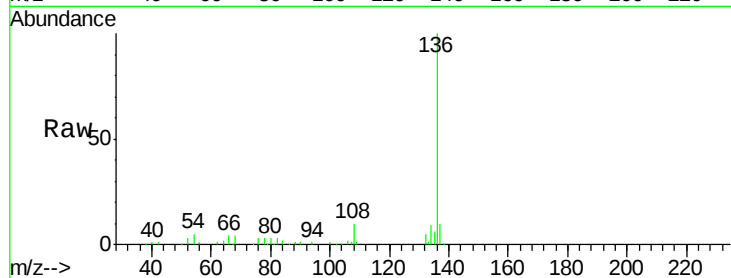




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

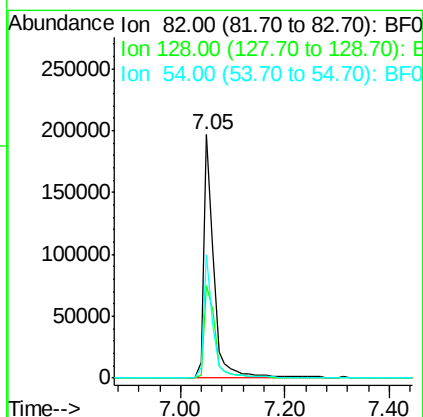
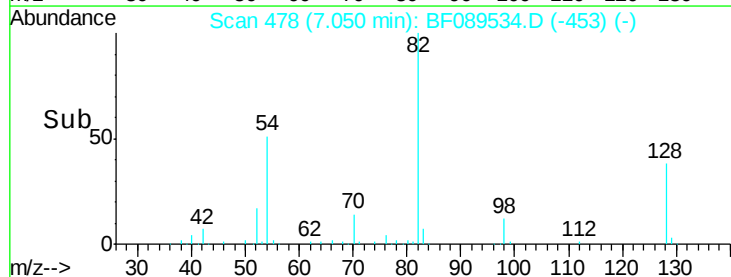
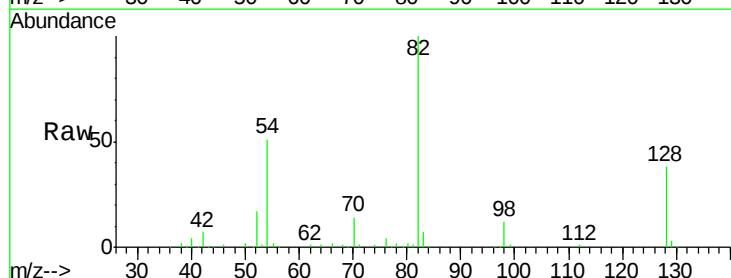
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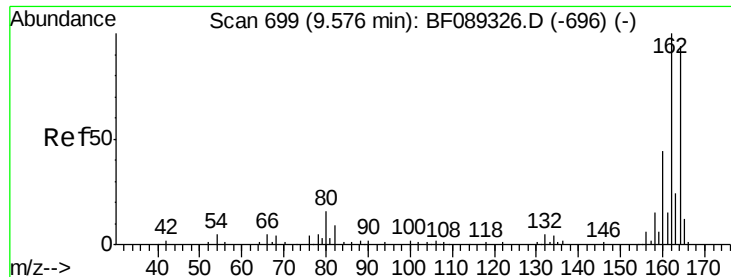
Tgt Ion:	136	Resp:	148929
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.4	7.0	10.4#
68	4.0	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 104.85 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089534.D
Acq: 2 Aug 2016 2:55

Tgt Ion:	82	Resp:	264538
Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.5	48.7
54	50.6	38.8	58.2

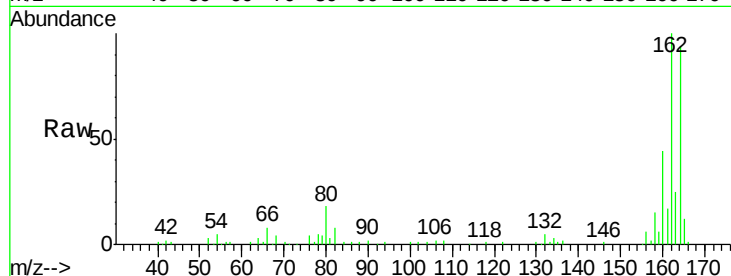




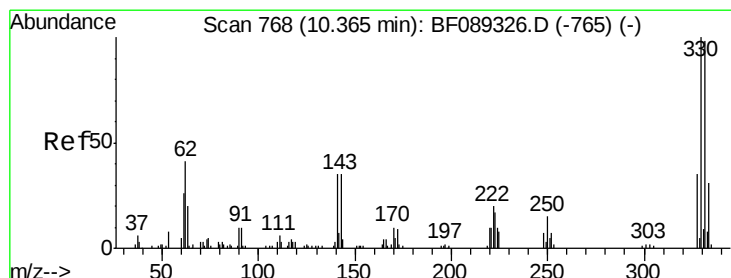
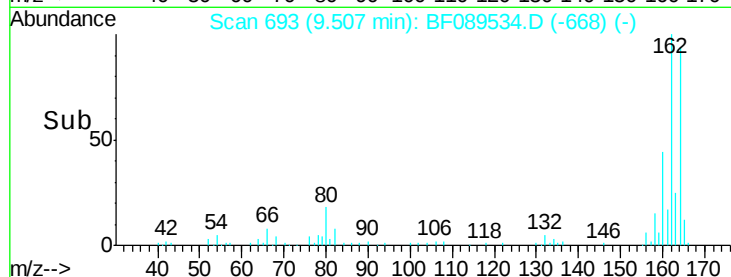
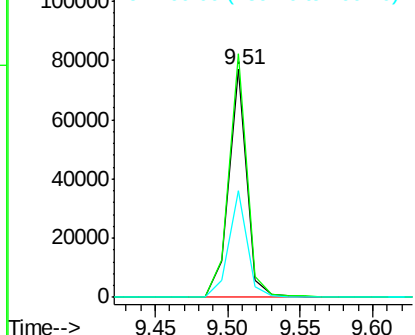
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Tgt Ion:164 Resp: 66386
 Ion Ratio Lower Upper
 164 100
 162 106.9 83.7 125.5
 160 46.6 37.8 56.6

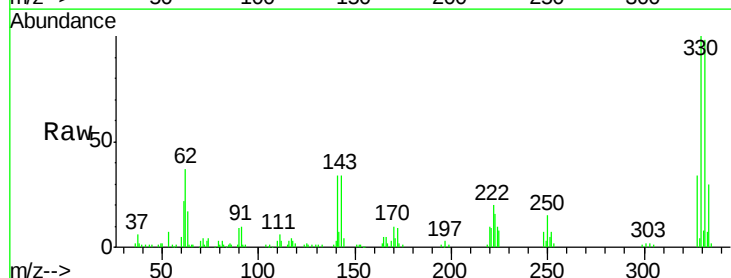


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

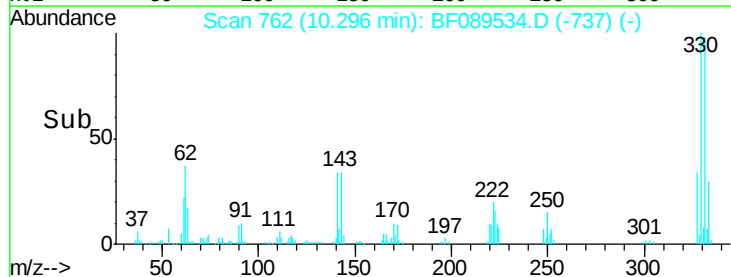
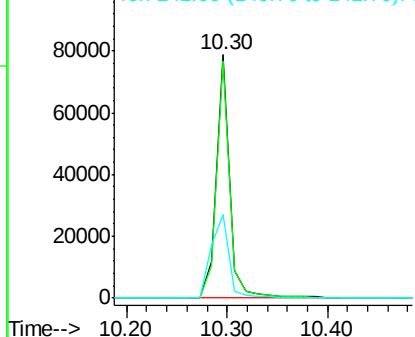


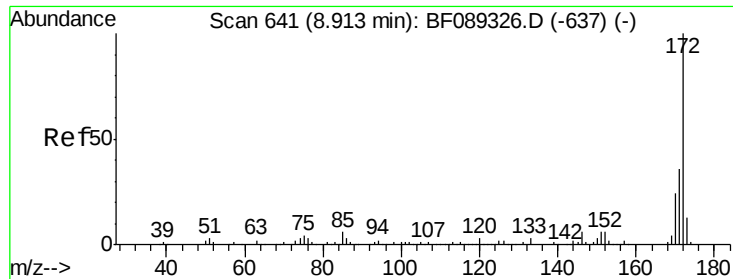
#41
 2,4,6-Tribromophenol
 Concen: 131.35 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Tgt Ion:330 Resp: 72218
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 45.8 37.3 55.9



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

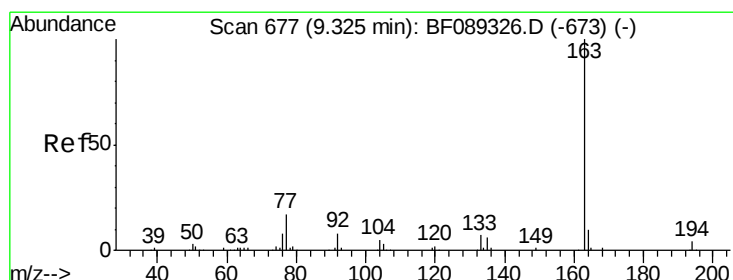
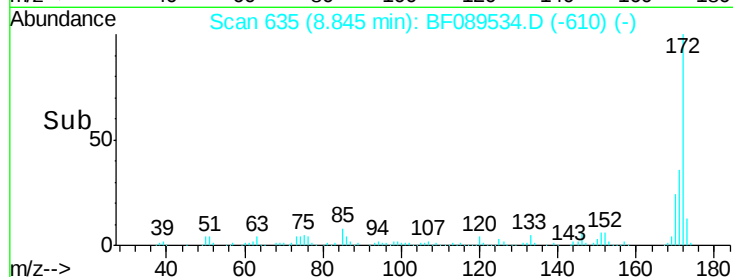
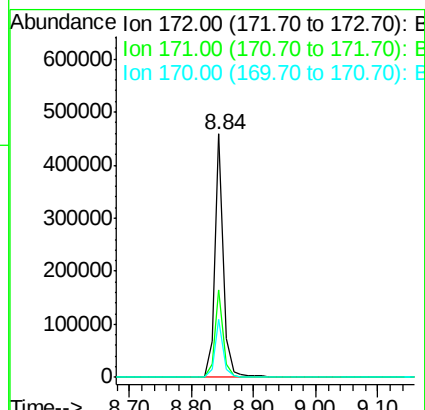
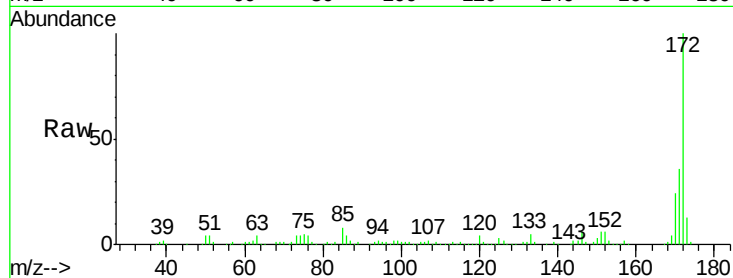




#44
 2-Fluorobiphenyl
 Concen: 96.52 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

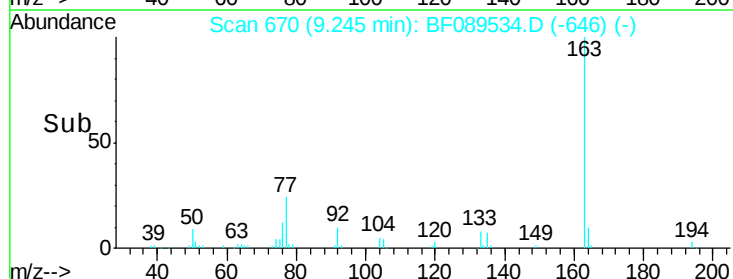
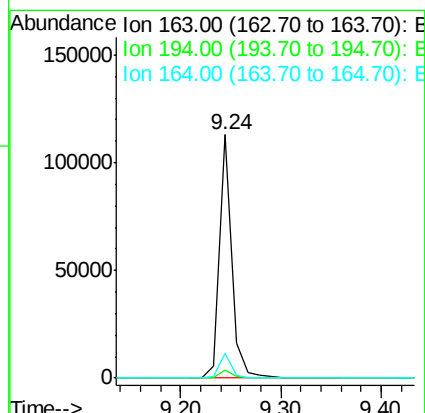
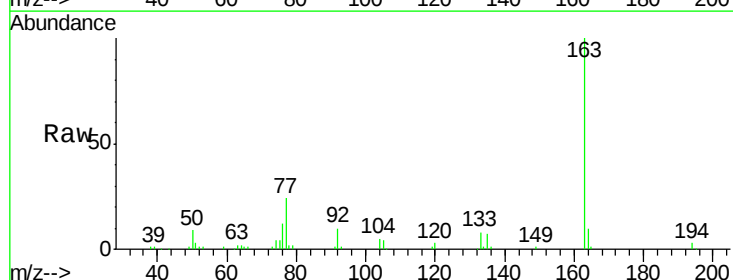
Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

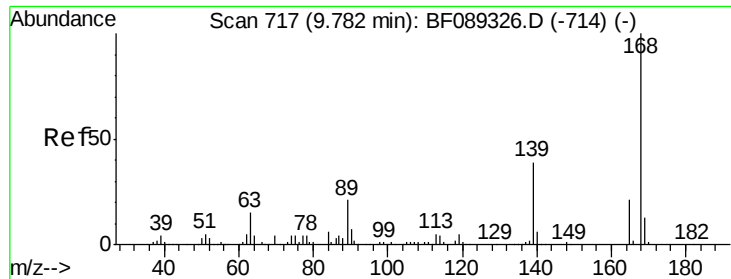
Tgt Ion:172 Resp: 436596
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.8 19.2 28.8



#49
 Dimethylphthalate
 Concen: 19.11 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Tgt Ion:163 Resp: 96559
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.3 7.8 11.8

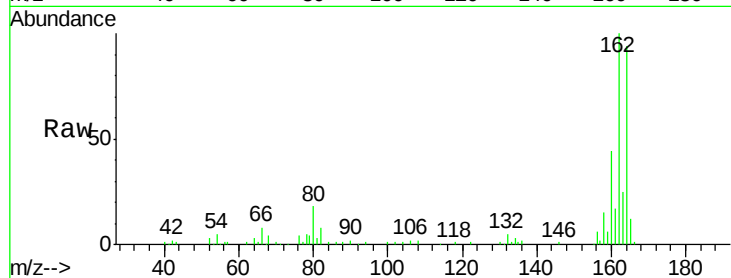




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.22 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Tgt Ion:	165	Resp:	8392
Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

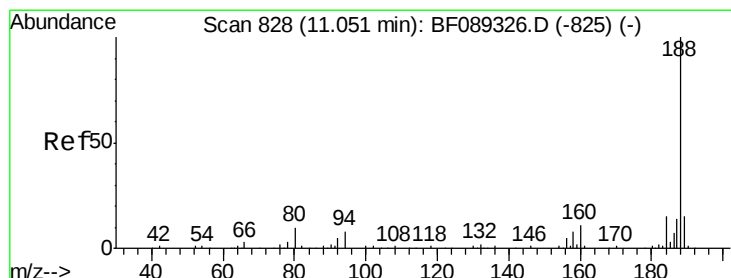
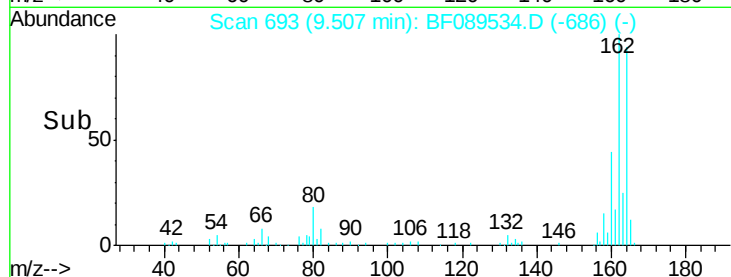
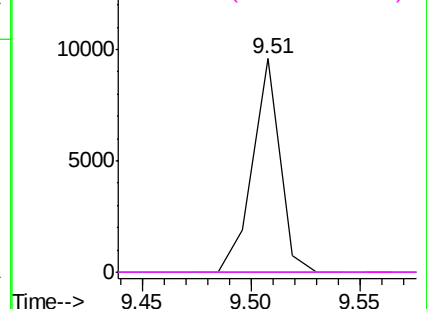


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

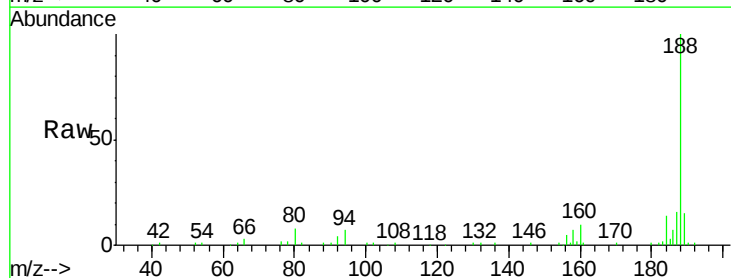
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

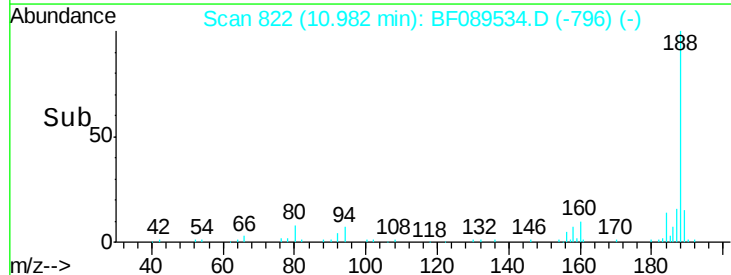
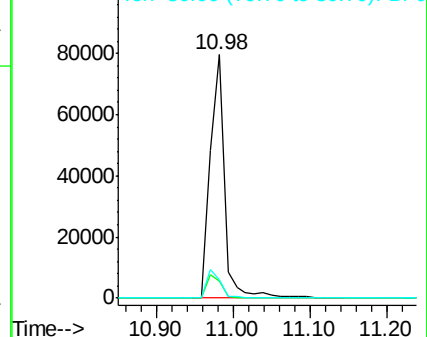
Tgt Ion:	188	Resp:	101634
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.5	9.7
80	7.6	7.2	10.8

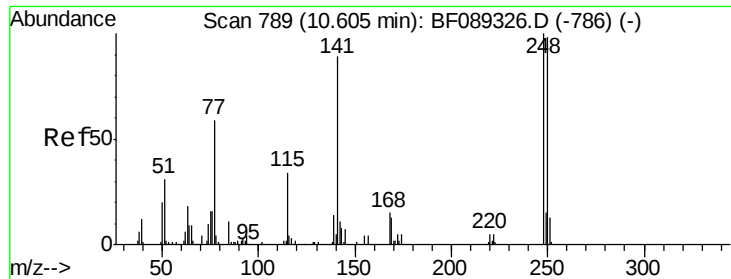


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

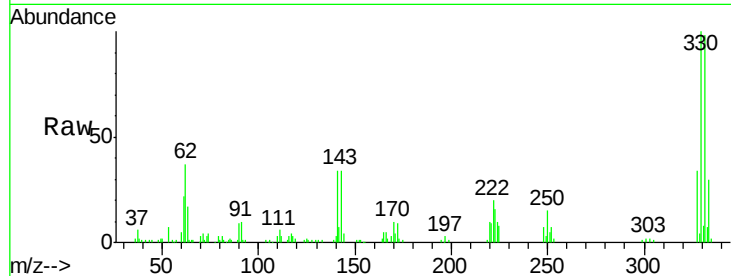




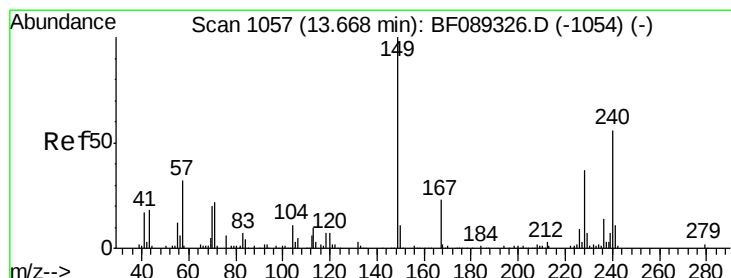
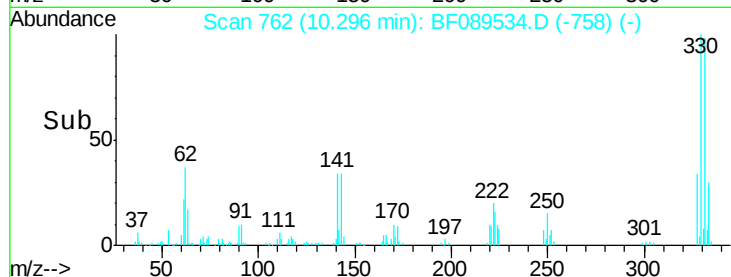
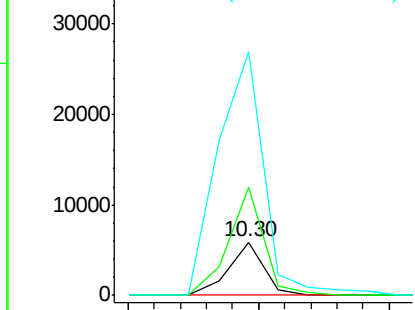
#66
 4-Bromophenyl-phenylether
 Concen: 5.72 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.25 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Tgt Ion:248 Resp: 5552
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.2 117.2#
 141 460.3 62.0 93.0#

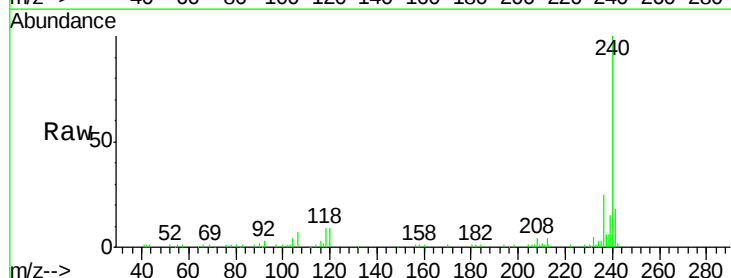


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

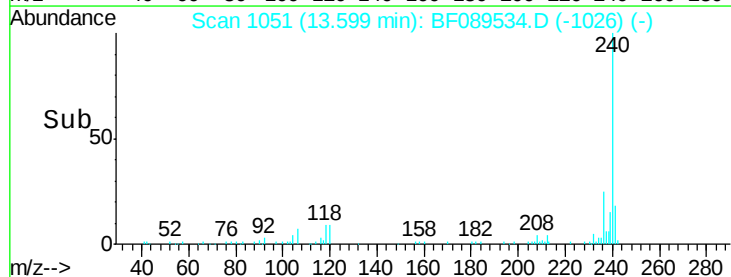
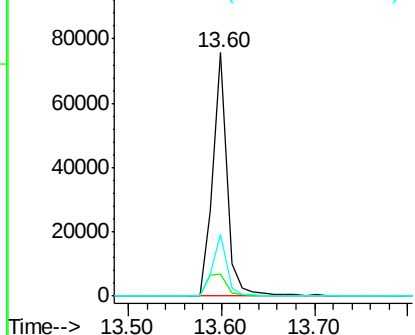


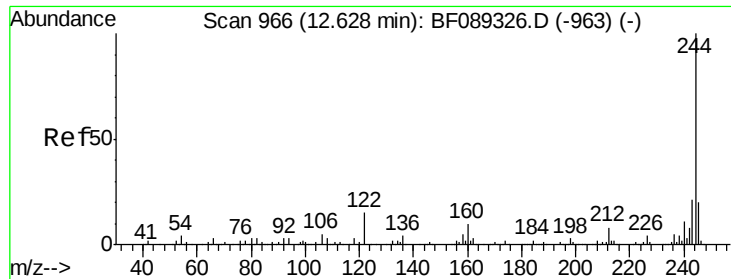
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Tgt Ion:240 Resp: 82107
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.1 13.7#
 236 25.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

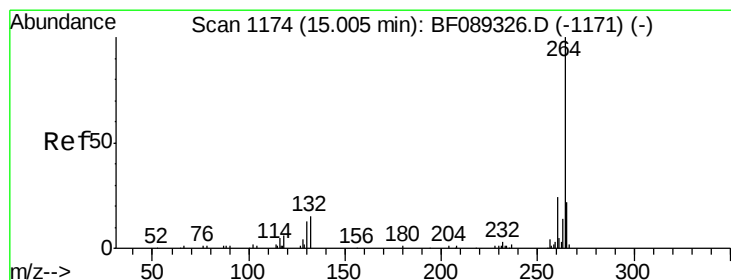
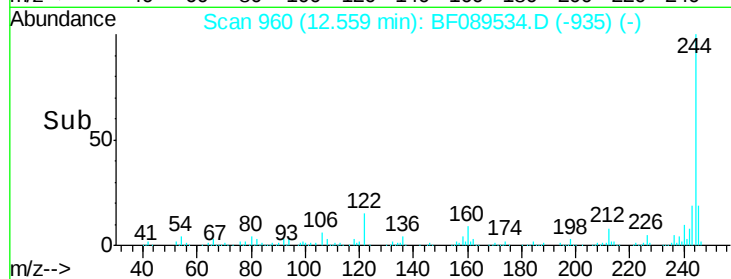
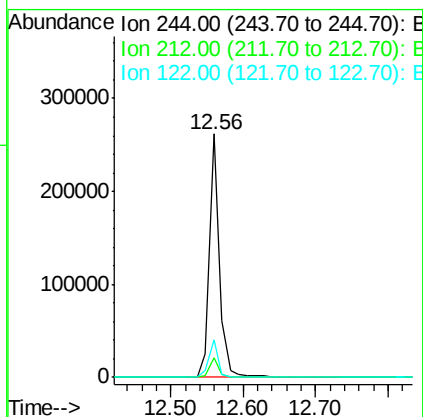
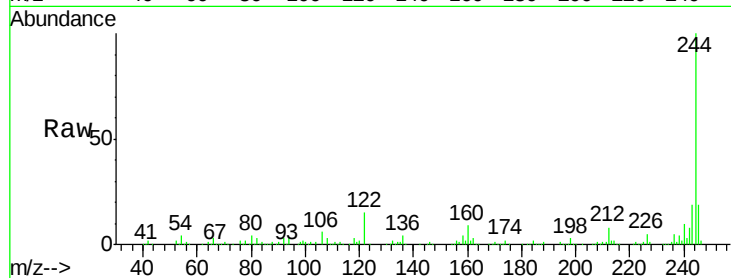




#78
 Terphenyl-d14
 Concen: 71.76 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-65-5.0-6.0

Tgt Ion:244 Resp: 251757
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 15.3 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF089534.D
 Acq: 2 Aug 2016 2:55

Tgt Ion:264 Resp: 76576
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.3 17.5 26.3

